

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	((("5315537") or ("5988862") or ("6473079"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/22 21:26
S2	1258	703/2.ccor.	US-PGPUB; USPAT	OR	ON	2006/12/22 12:19
S3	378	703/6.ccor.	US-PGPUB; USPAT	OR	ON	2006/12/22 12:26
S4	275	345/423.ccor.	US-PGPUB; USPAT	OR	ON	2006/12/22 12:26
S5	4621	smooth\$4 with mesh	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/22 19:30
S6	363	S5 and node	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/22 19:31
S7	313	S6 and element	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/22 19:31
S8	178	S7 and weight\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/22 19:31
S9	150	S8 and model	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/22 19:32
S10	142	S9 and position\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/22 19:33
S11	119	S10 and angle	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/22 19:33
S12	57	S11 and @ad<="20030826"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/22 20:56
S13	176	smoothing with laplac\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/22 20:57
S14	22	S13 and node and element	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/22 20:58
S15	15	S14 and @ad<="20030826"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/22 20:58

EAST Search History

S16	14	("4072282" "4257690" "4268861" "4384768" "4771192" "4875097" "4912664" "4930010" "4933889" "4941114" "4958272" "4969116" "5125038" "5214752").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/22 21:05
S17	35	("5315537").URPN.	USPAT	OR	ON	2006/12/22 21:06
S18	92	isoparametric	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/26 10:57
S19	51	S18 and smooth\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/26 10:57
S20	32	S19 and node	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/26 10:58
S21	22	S20 and @ad<="20030826"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/26 10:59



Welcome United States Patent and Trademark Office

[Search Session History](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)[SUPPORT](#)

Tue, 26 Dec 2006, 2:50:25 PM EST

Edit an existing query or
compose a new query in the
Search Query Display.

Search Query Display

Select a search number (#)
to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries

Results

#	Query	Results
#1	((smooth*<and>node)) <and> (pyr >= 1951 <and> pyr <= 2003)	11867
#2	((smooth*<and>node<and>(element<or>mesh))) <and> (pyr >= 1951 <and> pyr <= 2003)	7316
#3	((smooth*<and>node<and>(element<or>mesh))<and>angle) <and> (pyr >= 1951 <and> pyr <= 2003)	2312
#4	((smooth*<and>node<and>(element<or>mesh)) <and>angle<and>weight*) <and> (pyr >= 1951 <and> pyr <= 2003)	1174
#5	((smooth*<and>node<and>(element<or>mesh)) <and>angle<and>weight*<and>position) <and> (pyr >= 1951 <and> pyr <= 2003)	879
#6	((smooth*<and>node<and>(element<or>mesh)) <and>angle<and>weight*<and>position<and>isoparametric) <and> (pyr >= 1951 <and> pyr <= 2003)	19

Indexed by
 Inspec

[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© Copyright 2006 IEEE – All Rights Reserved

		Results
9.	((((((pub-date > 1949 and pub-date < 2004 and FULL-TEXT(smoothing) and FULL-TEXT(node)) and isoparametric) and angle) and weight!) and position) and element) and equipotential [All Sources(- All Sciences -)]	5
8.	((((((pub-date > 1949 and pub-date < 2004 and FULL-TEXT(smoothing) and FULL-TEXT(node)) and isoparametric) and angle) and weight!) and position) and element) and valen! [All Sources(- All Sciences -)]	2
7.	((((((pub-date > 1949 and pub-date < 2004 and FULL-TEXT(smoothing) and FULL-TEXT(node)) and isoparametric) and angle) and weight!) and position) and element [All Sources(- All Sciences -)]	78
6.	((((((pub-date > 1949 and pub-date < 2004 and FULL-TEXT(smoothing) and FULL-TEXT(node)) and isoparametric) and angle) and weight!) and position [All Sources(- All Sciences -)]	79
5.	(((pub-date > 1949 and pub-date < 2004 and FULL-TEXT(smoothing) and FULL-TEXT(node)) and isoparametric) and angle) and weight! [All Sources(- All Sciences -)]	116
4.	((pub-date > 1949 and pub-date < 2004 and FULL-TEXT(smoothing) and FULL-TEXT(node)) and isoparametric) and angle [All Sources(- All Sciences -)]	243
3.	(pub-date > 1949 and pub-date < 2004 and FULL-TEXT(smoothing) and FULL-TEXT(node)) and isoparametric [All Sources(- All Sciences -)]	513
2.	pub-date > 1949 and pub-date < 2004 and FULL-TEXT(smoothing) and FULL-TEXT(node) [All Sources(- All Sciences -)]	5062
1.	pub-date > 1949 and pub-date < 2004 and FULL-TEXT(node smoothing) [All Sources(- All Sciences -)]	26

Searching for **PHRASE smoothing node**.

Restrict to: [Header](#) [Title](#) Order by: [Expected citations](#) [Hubs](#) [Usage](#) [Date](#) Try: [Google \(CiteSeer\)](#) [Google \(Web\)](#) [Yahoo!](#) [MSN](#) [CSB](#) [DBLP](#)

9 documents found. **Order: number of citations.**

[Optimal Multicast Smoothing of Streaming Video over an.. - Sen, Towsley, Zhang, Dey \(1998\) \(Correct\) \(4 citations\)](#)
 Client Set-Top Box Cpu Mem Nw Cpu Mem Nw Data **Smoothing Node**. Client Workstation Fig. 1. Multicast
 Multicast smoothing service is performed at **smoothing nodes** within the network. transmissions on the
gaia.cs.umass.edu/pub/sen/Sen_Mcast_Infocom99.ps.gz

[Improved tissue modelling and fast solver methods for.. - Wolters Reitzinger.. \(2000\) \(Correct\) \(2 citations\)](#)
 meshgenerator [5] with and without surface-**smoothing (node-shift)** was developed to generate
biomag2000.hut.fi/papers/0655.pdf

[Winslow Smoothing On Two-Dimensional Unstructured Meshes - Knupp \(1998\) \(Correct\) \(2 citations\)](#)
 robustness against mesh folding. In Laplacian **smoothing, node** positions are the average of positions of
 the edges of the triangles that are opposite the **smooth node**. The only case for which this cannot be done
fea1.sansys.com/pub/sowen/imr7/knupp_winslow98.ps.gz

[Fast Adaptive Quadtree Mesh Generation - Frey, MARECHAL \(1998\) \(Correct\) \(1 citation\)](#)
 mesh. Usually an optimization stage based on **node smoothing** and mesh modifications (by means of geometric
 on templates)3. the mesh optimization :**node smoothing**, topological and geometric mesh
 length w/r size map)In this context, the **node smoothing** procedure (moving a vertex P)is equivalent
fea1.sansys.com/pub/sowen/imr7/frey98.ps.gz

[A Cost/Benefit Analysis of Simplicial Mesh Improvement.. - Freitag, Ollivier-Gooch \(2000\) \(Correct\) \(1 citation\)](#)
 based on local reconnection schemes, **node smoothing**, and adaptive refinement or coarsening (e.g.
 the current implementation, face swapping and **node smoothing** incur approximately the same computational
info.mcs.anl.gov/pub/tech_reports/reports/P722.ps.Z

[Sculpting: An Improved Inside Out Scheme For All Hexahedral.. - Kirk Walton Steven \(2002\) \(Correct\)](#)
 edges and sculpting's hex collapsing and **node smoothing** scheme. Figure 4. A comparison between
www.imr.sandia.gov/papers/imr11/walton.pdf

[Two Discrete Optimization Algorithms for the Topological.. - Shewchuk \(Correct\)](#)
 transformation (or another operation, like **node smoothing**) to a specific site in the mesh. If the
 where topological transformations (and **node smoothing**) should be applied, as quickly as possible.
www.cs.berkeley.edu/~jrs/papers/edge.ps

Try your query at: [Google \(CiteSeer\)](#) [Google \(Web\)](#) [Yahoo!](#) [MSN](#) [CSB](#) [DBLP](#)

CiteSeer.IST - Copyright [Penn State](#) and [NEC](#)

Find: [Documents](#)[Citations](#)Searching for **isoparametric and smoothing and node**.Restrict to: [Header](#) [Title](#) Order by: [Expected citations](#) [Hubs](#) [Usage](#) [Date](#) Try: [Google \(CiteSeer\)](#) [Google \(Web\)](#) [Yahoo!](#) [MSN](#) [CSB](#) [DBLP](#)

5 documents found. Order: number of citations.

[An Approach to Combined Laplacian and Optimization-Based .. - Cănnann, Tristano, Stăten \(1998\)](#) (Correct) (2 citations)
 a means of combining it with the similar **isoparametric smoothing** technique [35]1.2.2
 to Combined Laplacian and Optimization-Based **Smoothing** for Triangular, Quadrilateral, and
fea1.ansys.com/pub/sowen/imr7/canann98.ps.gz

One or more of the query terms is very common - only partial results have been returned. Try [Google \(CiteSeer\)](#).

[Modeling Of Overturning Waves Over Arbitrary Bottom In.. - St'ephan Grilli.. \(2000\)](#) (Correct)
 in horizontal directions x and y, quadratic **isoparametric** boundary elements, and a RK-ABM time
 near wave crests these were eliminated by **smoothing**, typically applied every few time steps. Broeze
 layers can be specified on lateral boundaries. **Node** regridding to a finer resolution can be specified
www.oce.uri.edu/~grilli/ISOPE00.ps.gz

[Meshing and Substructuring of 3D Stress Analysis Models - Sing \(1994\)](#) (Correct)
 104 5.1 Laplacian and **isoparametric smoothing** schemes
 2 1.1.1 Mesh **smoothing** approach
sog1.me.qub.ac.uk//thesis.ps.z

[The Numerical Solution of Free-Surface Problems for.. - Peterson \(2000\)](#) (Correct)
 : 22 2.1.2 The **isoparametric** mapping :
 : 55 2.5.2 Laplacian **smoothing** :
 : 83 3.11 **Node** re-ordering :
agora.leeds.ac.uk/scs/doc/theses/peterson.ps.gz

[Two Grid Iteration With A Conjugate Gradient Smoother.. - Hagger, Cliffe, Spence](#) (Correct)
 basis functions on 2 dimensional 9 **node isoparametric** quadrilateral elements are used for the
 Two Grid Iteration With A Conjugate Gradient **Smoother** Applied To A Groundwater Flow Model M.j.
 using biquadratic basis functions over 9 **node** quadrilaterals, is used to study the performance
ftp.maths.bath.ac.uk/pub/preprints/math9409.ps.Z

Try your query at: [Google \(CiteSeer\)](#) [Google \(Web\)](#) [Yahoo!](#) [MSN](#) [CSB](#) [DBLP](#)CiteSeer.IST - Copyright [Penn State](#) and [NEC](#)